DERWENT-ACC-NO: **1989-064246**

DERWENT-WEEK: 198909

TITLE: Mobile overflow weir controller, for bio-oxidising tank contg. meter, thermometer, air blow amt.- and biological membrane contact time period-calculating circuits, etc. for water purificn. plant

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PRIORITY-DATA: 1987JP-168729 (July 8, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
JP 01015197 A	January 19, 1989	JA

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 01015197A	N/A	1987JP-168729	July 8, 1987

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPP	C02F3/06	20060101

ABSTRACTED-PUB-NO: JP 01015197 A

BASIC-ABSTRACT:

Mobile overflow weir controller for bio-oxidising tank in water purificn. plant comprises meter and thermometer for measuring amt. and temp. of feed water flown into the tank, respectively, air flow amt. calculating circuit for calculating air amt. flow into the tank, based on measured amt. biological membrane contact time period calculating circuit for the membrane-

contact time
period necessary for making organic substance-removing efficiency at measured
temp. of specific value, circuit for calculating effective water depth for
attaining calculated time period, overflow mobile weir for adjusting water
depth corresponding to effective one, circuit for controlling weir and means
for feeding aerating air to the tank in amt. determined by air flow amt.
calculating circuit.

ADVANTAGE - Treated water with stable quality can be obtd. even when quality of
feed water varies.

TITLE-TERMS: MOBILE OVERFLOW WEIR CONTROL BIO OXIDATION TANK CONTAIN METER
THERMOMETER AIR BLOW AMOUNT BIOLOGICAL MEMBRANE CONTACT TIME PERIOD
CALCULATE CIRCUIT WATER PURIFICATION PLANT

DERWENT-CLASS: D15

CPI-CODES: D04-A01J; D04-A01K;

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers: 1989-028457